

# GREEN POWER News

WAPA's Renewable Resources Program covering  
green power, reports, studies and funding

WESTERN AREA POWER ADMINISTRATION

Welcome to the *Green Power News Update*. This is a summary of the stories that ran during **December 2017**. New stories are added throughout the month to make sure you always know what is happening in our fast-changing industry. Check back often to see what's new!

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[Previous issues](#)

[In this issue:](#)

## Green Power

- Webinar: NREL's new tool sizes solar+storage
- Green Power Partnership Program Update

## Reports and Studies

- Listen to recorded webinar on energy storage savings calculator
- Listen to two recorded webinars from CSEA
- Access Our New Distribution Grid Integration Unit Cost Database for PV

## Funding

- U.S. Offshore Wind Research and Development Consortium FOA

## Green Power

### Webinar: NREL's new tool sizes solar+storage

In this webinar, presenters from the National Renewable Energy Lab (NREL) introduced the beta version of the lab's new solar+storage web tool, REopt Lite. This free tool is designed to help building owners and planners quickly and easily evaluate the economics of solar PV and battery storage for their sites. It identifies the optimal PV and battery system sizing to minimize costs and maximize lifetime energy savings. The tool can also be used to size solar+storage systems to support a site's critical loads during a grid outage.

*Source: Clean Energy Group, 12/21/17*

### Green Power Partnership Program Update

#### Issue 54 - December 2017

The EPA Green Power Partnership is a voluntary program encouraging organizations to use green power as a way to reduce the environmental impacts associated with conventional electricity use.

#### In This Issue

- Welcome New Partners!
- Upcoming Deadline for Partner Data in Top Partner Rankings
- Upcoming GPP Webinar: REC Arbitrage Process
- GPP by the Numbers
- Ways to Promote Green Power Partnership Involvement
- Photo of the Month
- Congratulations to Partners Celebrating Their 10-Year
- Anniversary with the Green Power Partnership!
- News Items
  - Google's Homepage Features Green Energy Investments Article
  - Two Partners Earn Platinum on AASHE's 2017
  - Sustainable Campuses Index
  - New Toolkit to Help Local Governments with Distributed
  - Wind Energy Zoning and Permitting
  - Solar and Wind Jobs are the Two Fastest Growing
  - Occupations in America

*Source: EPA Green Power Partnership, 12/13/17*

Find more [publications and webinars](#).

## Reports and Studies

### Listen to recorded webinar on energy storage savings calculator

In this webinar, Geli and Clean Energy Group presented Geli's newly released online energy storage and solar+storage design tool, ESyst, and walked through an example of how the free tool can be used to optimize electric bill savings for an actual affordable housing property. Clean Energy Group is partnering with Geli to provide free ESyst analysis support to nonprofit organizations working in low-income communities and affordable housing.

*Source: Clean Energy Group, 12/21/17*

### Listen to two recorded webinars from CSEA

Two webinars recently presented by Clean Energy States Alliance are now available to download. **Approaches for Involving Low-Income Communities with Solar**, from Nov. 30, discusses how to engage with low-income customers and communities in order to spread the benefits of solar. **Connecticut's Low- and Moderate-Income Solar Customer Segmentation Analysis**, from Dec. 5, explored how to identify which households are most likely to adopt solar, and how to best reach out to these consumers.

*Source: Clean Energy States Alliance, 12/12/17*

### Access Our New Distribution Grid Integration Unit Cost Database for PV

New tool helps utilities, developers, and analysts to assess costs associated with integrating distributed PV.

NREL is excited to announce the availability of the new Distribution Grid Integration Unit Cost Database tool, which allows users to estimate and compare costs associated with the integration of solar photovoltaic (PV) systems. The database contains hardware and software cost information for different components that may be used to integrate distributed solar PV onto distribution systems, and includes more than 335 data points collected from a variety of utilities, PV developers, technology vendors, and published research reports.

NREL is using this data to conduct bottom-up analysis of costs that might be incurred on distribution systems to integrate high penetrations of PV under a variety of technology scenarios, and plans to continue to improve the database as additional data is collected and vetted.

*Source: National Renewable Energy Laboratory, 12/7/17*

Find more [publications and webinars](#).

## Funding

### U.S. Offshore Wind Research and Development Consortium FOA

**Deadline: March 26, 2018**

**Informational webinar**  
**Dec. 20, 1 PM MT**

The U.S. Offshore Wind Research and Development Consortium FOA solicits an administrator to establish and lead a voluntary consortium of members committed to shared public/private investment in collaborative R&D focused on realizing technology improvements for the offshore wind industry in the U.S.

The U.S. offshore wind industry has unique technological challenges that have yet to be overcome in the global offshore wind market. In order to establish a consortium to undertake mutually beneficial research and development (R&D) addressing these challenges, a competitive award of \$18.5M will be made under this Wind Energy Technologies Office (WETO) FOA. An additional \$2.0M will be allocated directly from DOE to DOE/NNSA Federally Funded Research (FFRDC) and Development Centers to carry out R&D activities, either in direct partnership with the applicant, or prioritized by the consortium.

EERE will conduct an **informational webinar** on 12/20/2017 at 1:00 pm MT.

*Source: DOE Office of Energy Efficiency and Renewable Energy, 12/14/17*

**Find more [funding sources](#).**